SEQUENCE LISTING

GENERAL INFORMATION:

    (i)   APPLICANT: HADASIT MEDICAL RESEARCH SERVICES AND DEVLOPMENT COMPANY LTD.

    (ii)   TITLE OF INVENTION: NOVEL HAPTOTACTIC PEPTIDES

    (iii)   NUMBER OF SEQUENCES:12
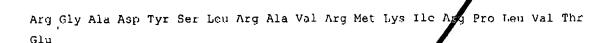
CURRENT APPLICATION DATA:

    (A) APPLICATION NUMBER: 09/487790

    (B) (B) FILING DATE: Jan. 20 2000

    (C) CLASSIFICATION:

(vii) PRIOR APPLICATION DATA:

    (A) APPLICATION NUMBER:

    (B) FILING DATE:

    (2) INFORMATION FOR SEQ ID NO:1:

        (i)   SEQUENCE CHARACTERISTICS:

        (A)   LENGTH: 21

        (B)   TYPE: amino acid

        (C)   STRANDEDNESS: single

        (D)   TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

Lys Gly Ser Trp Tyr Ser Met Arg Lys Met Ser Met Lys Ile Arg Pro Phe Phe Pro
Glu Glu

    (2) INFORMATION FOR SEQ ID NO:2:

        (i)   SEQUENCE CHARACTERISTICS:

        (A)   LENGTH: 21

        (B)   TYPE: amino acid

        (C)   STRANDEDNESS: single

        (D)   TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

Lys Thr Arg Trp Tyr Ser Met Lys Lys Thr Thr Met Lys Ile Ile Pro Phe Asn Arg
Leu Thr

    (2) INFORMATION FOR SEQ ID NO:3:

        (i)   SEQUENCE CHARACTERISTICS:

        (A)   LENGTH: 20

        (B)   TYPE: amino acid

        (C)   STRANDEDNESS: single

        (D)   TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

1

Arg Gly Ala Asp Tyr Ser Leu Arg Ala Val Arg Met Lys Ile Arg Pro Leu Val Thr
Glu

(2) INFORMATION FOR SEQ ID NO:4:

    (i)   SEQUENCE CHARACTERISTICS:
        (A) LENGTH: 19
        (B) TYPE: amino acid
        (C) STRANDEDNESS: single
        (D) TOPOLOGY: linear
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
Glu Ala Asp His Glu Gly Thr His Ser Thr Lys Arg Gly His Ala Lys Ser Arg Pro

(2) INFORMATION FOR SEQ ID NO:5:

    (i)   SEQUENCE CHARACTERISTICS:
        (A) LENGTH: 20
        (B) TYPE: amino acid
        (C) STRANDEDNESS: single
        (D) TOPOLOGY: linear
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
Leu Thr Ile Gly Glu Gly Glu Glu His His Leu Gly Gly Ala Lys Glu Ala Gly Asp
Val

(2)- INFORMATION FOR SEQ ID NO:6:

    (i)   SEQUENCE CHARACTERISTICS:
        (A) LENGTH: 29
        (B) TYPE: amino acid
        (C) STRANDEDNESS: single
        (D) TOPOLOGY: linear
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
X X Gly Val Val Trp X X X X Gly X X Tyr Ser X Arg X X X Met Lys Ile Arg Pro
X X X Glu

(2) INFORMATION FOR SEQ ID NO:7:

    (i)   SEQUENCE CHARACTERISTICS:
        (A) LENGTH: 65
        (B) TYPE: nucleic acid
        (C) STRANDEDNESS: double
        (D) TOPOLOGY: linear
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
AAGGGGTCATGGTATCAATGAGGAAGATGAGTATGAAGATCAGGCCCTTCTTCCCACAGCAATAG

(2) INFORMATION FOR SEQ ID NO:8:
    (i)   SEQUENCE CHARACTERISTICS:
        (A) LENGTH: 63

2

(B) TYPE: nucleic acid

(C) STRANDEDNESS: double

(D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:

AGAGGGGCAGATTATTCCCTCAGGGCTGTTCGCATGAAAATTAGGCCCCTTGTGACCCAATAG

(2) INFORMATION FOR SEQ ID NO:9:

   (i)   SEQUENCE CHARACTERISTICS:

       (A) LENGTH: 61

       (B) TYPE: nucleic acid

       (C) STRANDEDNESS: double

       (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:

AAAACCCGGTGGTATTCCATGAAGAAAACCACTATGAAGATAATCCCATTCAACAGACTCACA

(2) INFORMATION FOR SEQ ID NO:10

   (i)   SEQUENCE CHARACTERISTICS:

       (A) LENGTH: 15

       (B) TYPE: amino acid

       (C) STRANDEDNESS: single

       (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:

Tyr Ser X Arg X X Met Lys Ile Arg Pro X X X Glu

INFORMATION FOR SEQ ID NO:11

   (i)   SEQUENCE CHARACTERISTICS:

       (A) LENGTH: 20

       (B) TYPE: amino acid

       (C) STRANDEDNESS: single

       (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:

Lys X X Trp Tyr Ser Met X Lys X X Met Lys Ile X Pro Phe X X X

(2) INFORMATION FOR SEQ ID NO:12

   (i)   SEQUENCE CHARACTERISTICS:

       (A) LENGTH: 30

       (B) TYPE: amino acid

       (C) STRANDEDNESS: single

       (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:12

Asp X Gly X X Trp X X Trp Lys X X Trp Tyr Ser Met X Lys X X Met Lys Ile X
Pro Phe X X X X